

DRILL HOLES

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Border Rev: Date: Mareh1200607
BY: \$USERNAME\$

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF RED LIGHT CAMERA EQUIPMENT 1 TRAFFIC SIGNAL AT THE INTERSECTION OF US 29 (COLESVILLE ROAD) SB AND

LANES MONITORED – 2 LEFT/THRU, 1 THRU, AND 1 RIGHT/THRU

INTERSECTION OPERATION

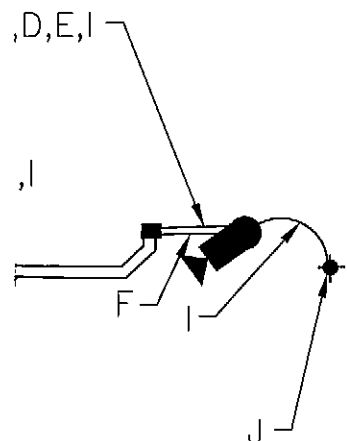
THE INTERSECTION OPERATION WILL REMAIN UNCHANGED.

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE SHA
NONE

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

QUANTITY	UNITS	DESCRIPTION
LUMP SUM	LS	MAINTENANCE OF TRAFFIC
LUMP SUM	LS	MOBILIZATION
2	CY	TEST PIT EXCAVATION
1	EA	RLCS-1 CAMERA ASSEMBLY
2	EA	RLCS-1 FLASH ASSEMBLY
2	EA	SENSYS RECEIVER ASSEMBLY
1	EA	10' PEDESTAL POLE
1	EA	14' PEDESTAL POLE
1	EA	100 AMP METER SERVICE PEDESTAL WITH B SWITCH AS SHOWN
2	EA	#5 PULL BOXES
300	LF	2 IN PVC CONDUIT (SCHEDULE 80) – TRENCH
500	LF	115 V POWER SIGNAL PHASE-7 CONDUCTOR
4	EA	GROUND ROD – 3/4 IN. X 10 FT. LENGTH
275	LF	POWER (3) #10 CONDUCTORS THHN (HOT, NEUTRAL, AND GROUND)
500	LF	CAT 5e SHIELDED (BELDEN 7919A OR EQ.)
250	LF	115 V POWER 4 CONDUCTOR (#14) CABLE
300	LF	STRANDED BARE COPPER GROUND WIRE (NO. 6)
25	LF	(3) 1-CONDUCTOR CABLE (NO. 8 AWG)
1	EA	2" CONDUIT BEND IN EXISTING FOUNDATION
2.75	CY	CONCRETE FOR PEDESTAL POLE FOUNDATION
		(1) 3" PVC 90, (1) 2" PVC 90 AND (1) 1"




GENERAL NOTES


1. THE CONTRACTOR SHALL VERIFY WITH ACS CONSTRUCTION MANAGER AND SHA INSPECTOR ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
2. GEOMETRICS SHALL BE CONFIRMED PRIOR TO THE INSTALLATION OF RED LIGHT EQUIPMENT.
3. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.
4. THE CONTRACTOR IS TO BE AWARE THAT THE SHA HAS EXISTING UNDERGROUND CONDUITS, TRAFFIC SIGNAL INTERCONNECT CABLES AND ROADS SIGN IN THE VICINITY OF PROPOSED EQUIPMENT. ANY DAMAGE TO THESE FACILITY'S AS A RESULT OF THE CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR HIS CLIENT TO REPAIR OR REPLACE.
5. CONTACT MONTGOMERY COUNTY SIGNAL SHOP (301-279-1291) AT LEAST 72 HOURS IN ADVANCE OF PROPOSED WORK TO ARRANGE FOR CABINET WIRING.

* MONTGOMERY COUNTY ENGINEER – KAMAL HAMUD 240-777-8761
* MONTGOMERY COUNTY TECHNICIAN SUPERVISOR ROBERT RICKETS 240-876-3681
6. CONTACT SHA TRAFFIC CONTROL DEVICE INSPECTION SECTION AT LEAST 72 HOURS IN ADVANCE OF ANY WORK TO ARRANGE FOR INSPECTION SERVICES.

* SHA INSPECTION TEAM LEADER – ADRIAN PUGH 410-787-7645



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
GI
US 29 (COLESVILLE RD) SB AND FENTON STREET



APPROVALS	REVISIONS	SCALE NONE ADVERTISED DATE CONTRACT NO.	
AM LEADER ST. DIV. CHIEF SECTION CHIEF OFFICE DIRECTOR	© RED LIGHT CAMERA INSTALLATION TIMS NO. 11420 06/04/2012	DESIGNED BY	COUNTY MONTGOMERY
	A. INSTALL APS, CPS AND ADA RAMPS ON ALL LEGS	DRAWN BY	LOGMILE
		CHECKED BY	TIMS NO.
		F.A.P. NO.	TOD NO.
		DRAWING NO. 188B OF SHEET NO. 2 OF 2	

PLOTTED: \$DATE\$
FILE: \$FILE\$